



Product Data Sheet Urakyd™ B32 75BAC

Short-oil alkyd resin modified with specific linoleic rich fatty acids

Applications

For use in rapid drying primers and topcoats as well as 2K polyurethane, stoving and nitrocellulose combination systems exhibiting good resistance to yellowing.

Principal properties

- drying speed
- adhesion
- elasticity
- hardness

Compatibility

Urakyd B32 75BAC can be used as sole binder or in combination with other binders. Compatibility character of the resin is very good; we recommend testing proposed combinations.

Combinations with nitrocellulose, urea and melamine resins, acrylic polyols, short and medium oil alkyds, or chlorinated rubber are practical in certain cases.

Combinations with appropriate polyisocyanates afford elastic, hard and weathering resistant films.

Urakyd B32 75BAC may be combined with Urathix B3200 60BAC at any ratio. This produces thixotropic properties in the paint, which allows to produce thick-coat, drip-free coating systems exhibiting outstanding slump resistance and good drying.

Material safety

A material safety data sheet of the products is available on request.

Delivery form:

75% in butyl acetate

Product specifications

Property	Range	Unit	TM
Solids content	74 - 76	%	2025
Viscosity	7.5 - 11.0	Pa.s	2013
Acid value, on solid	< 15	mg KOH/g	2401
Color, Gardner	0 - 6	-	2017
Appearance	clear	-	2265

Other product data

Property	Value	Unit	TM
Oil length	32	%	-
Type of oil	linoleic rich	-	-
OH%	ca. 2.4	%	-
Density, 23°C	ca. 1055	kg/m ³	2160
Flash point	ca. 26	°C	2800

Storage guidelines

The resin should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided.

Shelf life

Under the stipulated storage conditions, the anticipated shelf-life is 365 days from last quality control date, as stated in the Certificate of Analysis.

Test methods

Test methods (TM) referred to in the tables are available on request.

Starting formulations

Starting formulations are available upon request.

